

INTERNATIONAL SEARCH REPORT

Int. Application No
PC1/182004/052071

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G07F7/00 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G07F G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 135 631 A (VERTX CORP) 3 April 1985 (1985-04-03) abstract page 1, line 3 - page 2, line 36 page 4, line 1 - line 11 page 4, line 35 - page 5, line 6 page 7, line 11 - page 8, line 14 figures 1,2,9	1-14
X	US 5 595 264 A (TROTTE JR FRANK P) 21 January 1997 (1997-01-21) column 1, line 47 - column 3, line 15 column 3, line 41 - column 6, line 55 figures 1,4	1-14

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

8 December 2004

Date of mailing of the international search report

21/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2002/065680 A1 (KOJIMA AKITOSHI ET AL) 30 May 2002 (2002-05-30) abstract paragraph '0006! - paragraph '0009! paragraph '0015! - paragraph '0032! paragraph '0067! - paragraph '0073! paragraph '0093! - paragraph '0100! paragraph '0128! figures 1A-5B, 14A-17</p>	1-14
X	<p>US 3 023 851 A (STILLER BRUNO V) 6 March 1962 (1962-03-06) column 1, line 10 - column 2, line 21 column 2, line 71 - column 9, line 57 figure 1</p>	1-14
A	<p>WO 96/39671 A (POWELL KEN R) 12 December 1996 (1996-12-12) abstract page 2, line 8 - page 4, line 7 page 7, line 1 - page 10, line 8 page 11, line 4 - page 12, line 17</p>	1-14
A	<p>US 3 920 100 A (DUNPHY LAWRENCE CYRIL) 18 November 1975 (1975-11-18) the whole document</p>	1-14
A	<p>WO 94/01838 A (MARKETING CONSULT NORD GMBH ; SCHEFFLER VOLKER (DE)) 20 January 1994 (1994-01-20) abstract page 2, line 8 - page 3, line 28 page 4, line 1 - line 10 page 6, line 23 - page 8, line 16 figure 1</p>	1-14

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 Int. Patent Application No
 PCT/IB2004/052071

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0135631	A	03-04-1985	CA 1217744 A1 EP 0135631 A1 AU 1957183 A	07-02-1987 03-04-1985 04-04-1985
US 5595264	A	21-01-1997	AU 3490495 A CA 2198221 A1 EP 0777432 A1 WO 9605758 A1	14-03-1996 29-02-1996 11-06-1997 29-02-1996
US 2002065680	A1	30-05-2002	JP 2002163722 A CN 1360270 A	07-06-2002 24-07-2002
US 3023851	A	06-03-1962	NONE	
WO 9639671	A	12-12-1996	AU 6147896 A CA 2223051 A1 EP 0836726 A1 WO 9639671 A1 US 6339762 B1 US 6105002 A	24-12-1996 12-12-1996 22-04-1998 12-12-1996 15-01-2002 15-08-2000
US 3920100	A	18-11-1975	GB 1417468 A	10-12-1975
WO 9401838	A	20-01-1994	DE 9209229 U1 AU 4415693 A DE 4393100 D2 WO 9401838 A1	18-11-1993 31-01-1994 20-07-1995 20-01-1994